//Sa se creeze o lista liniara simplu inlantuita care contine elemente intregi citite dintr-ul fisier text.   
//Se citeste apoi o valoare intreaga x. Sa se stearga primul nod care contine valoarea x.

#include<fstream>

#include<iostream>

using namespace std;

ifstream f("l.in");

struct nod{

int info;

nod\* urm;

};

nod \*prim, \*ultim;

void adaugs(int x)

{

nod\*nou=new nod;

nou->info=x;

nou->urm=NULL;

if(prim==NULL) prim=nou;

else ultim->urm=nou;

ultim=nou;

}

void afis()

{ nod \*p=prim;

while(p)

{ cout<<p->info<<" ";

p=p->urm;

}

}

void stergere(int x)

{

nod \*p,\*q;

p=prim;

while(p->urm!=NULL && p->urm->info!=x) p=p->urm;

if(p->urm==NULL) cout<<"Nu s-a gasit valoarea cautata";

else

{ q=p->urm;

p->urm=q->urm;

delete q;

}

}

int main()

{

int x,v;

prim=NULL;

ultim=NULL;

while(f>>x) adaugs(x);

afis();

cout<<endl;

cin>>x;

stergere(x);

afis();

system("pause");

return 0;

}